

Gulf Coast Ecosystem Restoration Council			Initial Project/Program Metrics			02/02/2017	
	Templates (based on Comprehensive Plan Objectives):						
	(1) Restore, Enhance, and Protect Habitats	(2) Restore, Improve, and Protect Water Resources	(3) Protect and Restore Living Coastal and Marine Resources	(4) Restore and Enhance Natural Processes and Shorelines	(5) Promote Community Resilience	(6) Promote Natural Resource Stewardship and Environmental Education	(7) Improve Science-Based Decision-Making Processes
Identifier	Activity/Outcome Name	Approach to Support Ecosystem Restoration	Activity	Metric Name	Metric Description /Instructions	Instructions to the applicant for entering the Activity/Outcome -Metric	Internal Notes
HC001	Conservation easements - Acres protected under easement	Habitat Conservation	Conservation easements	Acres protected under easement	Enter the number of acres protected under long-term easement (permanent or >30-yr)	When acquiring conservation easements, always also select the metric "HM006: Improved management practices - Acres under improved management"	Templates: (1), (2)
HC002	Conservation easements - Miles under long-term easement	Habitat Conservation	Conservation easements	Miles under long-term easement	Enter the number of miles under long-term easement (permanent or >30yr)	This includes miles of shoreline in coastal streams or open coast (i.e., beaches). When acquiring conservation easements, always also select the metric "HM007: Improved management practices - Miles under improved management"	Templates: (1), (2)
HC003	Land acquisitions - Acres acquired in fee	Habitat Conservation	Land acquisitions	Acres acquired in fee	Enter the number of acres acquired in fee	When acquiring property in fee always also select the metric "HM006: Improved management practices - Acres under improved management"	Templates: CM, BE; (1), (2)
HC004	Land acquisitions - Miles acquired	Habitat Conservation	Land acquisitions	Miles acquired	Enter the number of miles acquired	This includes miles of shoreline in coastal streams or open coast (i.e., beaches). When acquiring conservation easements, always also select the metric "HM007: Improved management practices - Miles under improved management."	Templates: (1), (2)
HC005	Wellhead Protection - Well Plugged	Habitat Conservation	Wellhead protection	Wells plugged	Enter the number of abandoned wells plugged	Enter the number of abandoned oil and gas wells plugged during activity.	Templates: (1)
HC006	Subgrants or agreements - # grants/agreements - habitat conservation activities	Habitat Conservation	Subgrants or agreements	# grants/agreements	Enter the number of grants or agreements disseminated	Enter the number of sub-grants or agreements with private landowners, nonprofits or other organizations to implement conservation activities disseminated under the Council award.	Templates: (1), (2)
HR001	Erosion control - Acres restored	Habitat Restoration	Erosion control	Acres restored	Enter the number of acres restored	This should reflect the total acreage of erosion prevented by placement of erosion control measures in coastal habitats.	Templates: (4)

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HR002	Erosion control - Miles restored	Habitat Restoration	Erosion control	Miles restored	Enter the number of miles restored	This should be selected and reported for coastal habitat shoreline restoration projects.	Templates: (4)
HR003	Erosion control - Miles restored (turbidity)	Habitat Restoration	Erosion control	Miles restored (turbidity)	Enter the number of miles restored to a certain level of turbidity	This should be selected and estimated for in-stream restoration only. Enter the target turbidity in the notes field.	Templates: (1), (2), (4)
HR004	Land restoration - Acres restored	Habitat Restoration	Land restoration	Acres restored	Enter the number of acres restored	Provide # of acres restored. Ensure that habitat included in this metric has been restored to resemble original habitat once occupying the project site in question. Include acres restored following infrastructure removal (e.g., associated with well plugging/wellhead protection).	Templates: (1)
HR005	Marine habitat restoration - Acres restored - Artificial reefs	Habitat Restoration	Marine habitat restoration	Acres restored	Enter the number of marine habitat acres restored to artificial reefs	Enter the number of acres impacted by the addition of artificial reefs and other habitat enhancements to benefit off-shore marine life.	Templates: (1), (3)
HR006	Marine habitat restoration - Acres restored - Oysters	Habitat Restoration	Marine habitat restoration	Acres restored	Enter the number of marine habitat acres restored to oyster reefs	Enter the number of acres of oyster reef restored.	Templates: (1), (3)
HR007	Marine habitat restoration - Acres restored - SAV	Habitat Restoration	Marine habitat restoration	Acres restored	Enter the number of acres of SAV restored	Enter number of acres of submerged aquatic vegetation restored.	Templates: (1), (3)
HR008	Removal of invasives - Acres restored	Habitat Restoration	Removal of invasives	Acres restored	Enter the number of acres restored	Enter the number of acres restored to native vegetation through the removal of invasive exotics.	Templates: (1)
HR009	Restoring hydrology - Acres with restored hydrology	Habitat Restoration	Restoring hydrology	Acres with restored hydrology	Enter the number of acres with restored hydrology	Can include wetlands and upland buffer/transition habitats.	Templates: (1)

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HR010	Riparian restoration (i.e., buffers) - Miles restored	Habitat Restoration	Riparian buffer restoration	Miles restored	Enter the number of miles restored	Provide # of miles of restored riparian habitat; this includes miles of riparian buffer installed or restored, but does not include living shoreline restoration or backfilling of canals which are captured in other metrics (i.e., HR011, HR012). Please use the notes field to indicate the average width of the riparian buffer (in feet).	Templates: (1), (2)
HR011	Marsh restoration - Miles restored - backfilling of canals	Habitat Restoration	Marsh restoration	Miles restored	Enter the number of miles restored	Provide # of miles of canals backfilled. Please use the notes field to provide the average width of the canals backfilled.	Templates: (1)
HR012	Living Shoreline restoration - Miles restored	Habitat Restoration	Living shoreline restoration	Miles restored	Enter the number of miles restored	Provide # of miles of miles of living shoreline installed. Where applicable, please use the notes field to indicate the width of the living shoreline (in feet).	Templates: (4)
HR013	Wetland restoration - Acres restored	Habitat Restoration	Wetland restoration	Acres restored	Enter the number of acres restored	Provide # acres restored - includes marshes, beaches, flooded forests swamps, mudflats, estuarine habitats.	Templates: (1)
HM001	BMP implementation for nutrient or sediment reduction - Lbs N avoided (annually)	Habitat Management	BMP implementation for nutrient or sediment reduction	Lbs N avoided (annually)	Enter the amount of nitrogen prevented from entering system annually	Provide the annual amount of nitrogen prevented from entering the system (in lbs).	Templates: (2)
HM002	BMP implementation for nutrient or sediment reduction - Lbs nutrients avoided (annually)	Habitat Management	BMP implementation for nutrient or sediment reduction	Lbs nutrients avoided (annual)	Enter the amount of nutrients prevented from entering system annually	Provide the annual amount of nutrients prevented from entering the system (in lbs).	Templates: (2)
HM003	BMP implementation for nutrient or sediment reduction - Lbs P avoided (annually)	Habitat Management	BMP implementation for nutrient or sediment reduction	Lbs P avoided (annually)	Enter the amount of phosphorous prevented from entering system annually	Provide the annual amount of phosphorous prevented from entering the system (in lbs).	Templates: (2)

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HM004	BMP implementation for nutrient or sediment reduction - Lbs sediment avoided (annually)	Habitat Management	BMP implementation for nutrient or sediment reduction	Lbs sediment avoided (annually)	Enter the amount of sediment prevented from entering system annually	Provide the annual amount of sediment prevented from entering the system (in lbs).	Templates: (2)
HM005	BMP implementation on ag lands -Acres under BMPs - contracts or agreements	Habitat Management	BMP implementation on agricultural lands	Acres under contracts or agreements	Enter the number of acres under contract (s) or agreement(s)	Enter the number of acres under contract(s) or agreement(s) to implement BMPs on agricultural lands. Each acre should be entered only once (i.e., enter the number of acres under the contract/agreement, not the acres under individual BMPs, which may "double count" acres).	Templates: (2)
HM006	Improved management practices - Acres under improved management	Habitat Management	Improved management practices	Acres under improved management	Enter the number of acres under improved management	This metric should always be selected when acquiring property in fee or acquiring conservation easements. HOWEVER, (1) Do not include acres reported under "BMP Implementation on Ag Lands" (i.e., HM005) or a similar metric, (2) Do not include acres that are being reported as "restored" under a separate metric (i.e., HR004 - HR008, HR013). (This keeps us from "double counting" acres)	Templates: (1), (2)
HM007	Improved management practices - Miles under improved management	Habitat Management	Improved management practices	Miles under improved management	Enter the number of miles under improved management	This metric should always be selected when acquiring property in fee or acquiring conservation easements. HOWEVER, do not include miles that are being reported as "restored" under a separate metric (i.e., HR002, HR010 - HR012). (This keeps us from "double counting" miles).	Templates: (1), (2)
PRM001	Land Use Planning - Acres with reduced impacts	Planning, Research, Monitoring	Land Use Planning	Acres with reduced impacts	Enter the number of acres with reduced impacts	Provide # acres with reduced impacts under a conservation land use plan.	Templates: (1), (2), (7)

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PRM002	Land Use Planning - Miles with reduced impacts	Planning, Research, Monitoring	Land Use Planning	Miles with reduced impacts	Enter the number of miles with reduced impacts	Provide # miles with reduced impacts under a conservation land use plan.	Templates: (1), (2), (7)
PRM003	Management or Governance Planning - # plans developed	Planning, Research, Monitoring	Management or Governance Planning	# plans developed	Enter the number of plans developed that had input from multiple stakeholders	For regional planning efforts.	Templates: (1), (2), (7)
PRM004	Monitoring - # monitoring programs implemented	Planning, Research, Monitoring	Monitoring	# monitoring programs	Enter the number of monitoring programs established or underway	This metric captures the actual number of monitoring programs being implemented. Monitoring programs include any program with a written monitoring plan.	Templates: (1), (2), (7)
PRM005	Monitoring - # monitoring plans developed	Planning, Research, Monitoring	Monitoring	# monitoring programs	Enter the number of monitoring plans developed	This metric captures the actual number of monitoring plans written, but not yet being implemented.	Templates: (1), (2), (7)
PRM006	Monitoring - # streams/sites being monitored	Planning, Research, Monitoring	Monitoring	# streams/sites being monitored	# streams/sites being monitored	All implementation/restoration projects should be monitored. Provide # of streams/sites being monitored.	Templates:(1), (2), (7)
PRM007	Monitoring - Acres being monitored	Planning, Research, Monitoring	Monitoring	Acres being monitored	Enter the number of acres being monitored	All implementation/restoration projects should be monitored. Provide # of acres being monitored using standard mapping tools/GIS or other methods. Specify monitoring method(s) in notes field.	Templates: (1), (2), (3), (7)

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PRM008	Monitoring - Miles being monitored	Planning, Research, Monitoring	Monitoring	Miles being monitored	Enter the number of miles being monitored	All implementation/restoration projects should be monitored. Provide # of miles monitored as a direct result of the project. This metric should be selected for in-stream habitat restoration and shoreline restoration projects. Please indicate the width of the area being monitored in the notes field. For beach nesting birds, includes linear length of beaches or circumference of islands where suitable habitat has been confirmed.	Templates: (1), (2), (3), (7)
PRM009	Research - # studies reported to mgmt.	Planning, Research, Monitoring	Research & Modeling	# studies/models reported to mgmt.	Enter the number of studies completed whose findings are reported to management	Value should include published data (either via your institution or by others using your data), metadata sets made available and published/unpublished datasets.	Templates: (7)
PRM010	Research - # studies used to inform mgmt.	Planning, Research, Monitoring	Research & Modeling	# studies/models used to inform mgmt.	Enter the number of studies completed whose findings are used to adapt management/ inform mgmt. decisions	Enter the number of studies or models that will have been completed by the end of the grant period.	Templates: (1), (7)
PRM011	Restoration planning/design/permitting - # E&D plans developed	Planning, Research, Monitoring	Restoration planning/design/permitting	# E&D plans developed	Enter the number of Engineering and Design plans developed. Generally there will be 1 plan per project to be constructed.	For projects where the engineering and design documents are the final deliverable. If the project includes a construction task (i.e., E&D is an interim step) do not use this metric.	Templates: (1), (2), (4)

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PRM012	Tool development for decision-making - # tools developed	Planning, Research, Monitoring	Tool development for decision-making	# tools developed	Enter the number of tools developed	For example, tools can include numerical models, computer models, GIS models, and decision support systems.	Templates: (1), (4), (7)
PRM013	Restoration planning/design/permitting - # environmental compliance documents completed	Planning, Research, Monitoring	Restoration planning/design/permitting	# compliance documents produced	Enter the number of environmental compliance documents produced/compiled	For projects where the final deliverables are the environmental compliance documents needed to complete the planning process such that the projects are "implementable".	Templates: (1), (2), (4)
SP001	Population - Density (# individuals/acre) - Oysters	Species Outcome	Population	Density (# individuals/acre)	Enter the density in terms of individuals per acre	Enter the density of oysters per acre for oyster reef restoration projects.	Templates: (1), (3)
COI001	Building institutional capacity - # FTE that successfully completed training	Capacity, Outreach, Incentives	Building institutional capacity	# FTE of completed training	Enter the number of full-time equivalents for trainees that successfully completed training and gained skills in conservation or restoration activities	Provide estimated # of full-time equivalents (FTE) days of training for trainees. FTE refers to the ratio of paid hours during a period to # working hours in that period. May consider adding up part-time equivalents if the total amount is considered significant (e. g., 100 individuals who provide 100 1/4 FTE = 25 FTE days).	Templates: (1), (6)
COI002	Outreach/ Education/ Technical Assistance - # people reached	Capacity, Outreach, Incentives	Outreach/ Education/ Technical Assistance	# people reached	Enter the number of people reached by outreach, training, or technical assistance activities	For this metric, use the expected # of stakeholders in attendance at informational meetings, workshops, or events. Or, provide # of people who were directly involved in outreach, training and or technical assistance activities (this could be the number of participants in a workshop, classes, webinar, townhall, event, listeners, etc.)	Templates: (1), (2), (6), (7)

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COI003	Outreach/ Education/ Technical Assistance - # people enrolled - BMPs	Capacity, Outreach, Incentives	Outreach/ Education/ Technical Assistance	# people enrolled to implement BMPs	Enter the number of unique individuals enrolled to implement BMPs	For this metric, use the of people enrolled to implement BMPs and expected to adopt tools and other improved management practices, etc., as a result	Template: (2), (6)
COI004	Outreach/ Education/ Technical Assistance - # users engaged online	Capacity, Outreach, Incentives	Outreach/ Education/ Technical Assistance	# users engaged online	Enter the number of unique users engaging websites, social media tools used to disseminate information about the project	Provide # of users engaged in twitter, Facebook, blogs and other social media tools used to disseminate information about the project (include the type of social media tool and number and frequency of users). Note the URL address for each site and the unique visitors or users only.	Templates: (6)
COI005	Volunteer participation - # volunteers participating	Capacity, Outreach, Incentives	Volunteer participation	# volunteers participating	Enter the number of volunteers participating in projects	Provide # of volunteers involved in the project. A list of volunteers names may help maintain a record of engagement. Where considered important, segmenting volunteers may be useful (e.g. age, gender, profession)	Templates:(1), (2)
COI006	Subgrants or agreements - # grants/agreements - dissemination of EOE materials	Capacity, Outreach, Incentives	Subrants or agreements	# grants/agreements	Enter the number of subgrants or agreements disseminated for EOE materials	Enter the number of sub-grants or agreements to disseminate educational and outreach materials under the Council award.	Templates: (6)
COI007	Building institutional capacity - # of participants that successfully completed training	Capacity, Outreach, Incentives	Building institutional capacity	# of participants that completed training	Enter the number of participants that successfully completed training and gained skills in conservation or restoration activities	For this metric, use the expected # of participants that successfully attended and completed the training and attained restoration and conservation skills.	Templates: (1), (6)
COI101	Economic benefits - # jobs created - full-time permanent jobs	Capacity, Outreach, Incentives	Economic Benefits	# jobs created	Enter the number of full-time permanent jobs created	Enter the number of full-time permanent jobs created that are directly attributable to the project or program implementation.	Templates: (1), (2), (3), (4), (5), (6), (7)

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COI102	Economic benefits - # jobs created - part-time permanent jobs	Capacity, Outreach, Incentives	Economic Benefits	# jobs created	Enter the number of part-time permanent jobs created	Enter the number of part-time permanent jobs created that are directly attributable to the project or program implementation.	Templates: (1), (2), (3), (4), (5), (6), (7)
COI103	Economic benefits - # jobs created - temporary jobs	Capacity, Outreach, Incentives	Economic Benefits	# jobs created	Enter the number of temporary jobs created	Enter the number of temporary jobs created that are directly attributable to the project or program implementation. These may be full-time or part-time jobs.	Templates: (1), (2), (3), (4), (5), (6), (7)
COI104	Economic benefits - # local contracts	Capacity, Outreach, Incentives	Economic Benefits	# local contracts	Enter the number of contracts or agreements with local firms	Enter the number of contracts or agreements anticipated with individuals or companies that reside in, are headquartered in, or are principally engaged in business in a Gulf Coast State	Templates: (1), (2), (3), (4), (5), (6), (7)
COI105	Economic benefits - % contracted to existing local organizations	Capacity, Outreach, Incentives	Economic Benefits	% of program funding to local organizations	Enter the percentage of total program costs contracted to existing local organizations	Enter the percentage of total program costs anticipated to be contracted with with companies that reside in, are headquartered in, or are principally engaged in business in a Gulf Coast State	Templates: (1), (2), (3) , (4), (5), (6), (7)
RES001	Community Resilience - # measures implemented	Community Resilience	Community Resilience	# of resource conservation measures implemented	Enter the number of resource conservation measures implemented	Enter the number of resource conservation measures being implemented. Resource conservation measures could include energy or water conservation measures, such as those resulting from an energy audit, renewable energy assessment, or water-efficiency audit.	Templates: (5), (6)